

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF VIDEO DETECTION CAMERAS AT THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF GREENSPRING AVENUE AND THE I-695 ON RAMP/OFF RAMP IN BALTIMORE COUNTY, MARYLAND. GREENSPRING AVENUE IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

QUANTITY	DESCRIPTION
1 EACH	VIDEO INTERFACE EQUIPMENT: 1-4 CAMERAS
16 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF : - 2 EACH R3-5(L) SIGN (30 IN. x 36 IN.) - MAST ARM MOUNT

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

QUANTITY	DESCRIPTION
45 L.F.	24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
LUMP SUM	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
190 L.F.	2 INCH SCHEDULE 80 PVC CONDUIT - TRENCHED
10 L.F.	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE
1 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
16 S.F.	INSTALL OVERHEAD SIGN
2 EACH	VIDEO DETECTION CAMERA
2 EACH	CONTROL CABLE, 500 FT. VIDEO DETECTION CAMERA TO CONTROLLER
2000 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
700 L.F.	LOOP WIRE ENCASED IN 1/4 INCH FLEXIBLE TUBING (NO. 14 A.W.G.)
205 L.F.	SAW CUT FOR SIGNAL (LOOP DETECTOR)
11 S.F.	RELOCATE SIGNS FROM EXISTING OVERHEAD STRUCTURES
2 EACH	RELOCATE EXISTING SIGNAL HEAD

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. RANDALL SCOTT
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 321-2781/2785

MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761

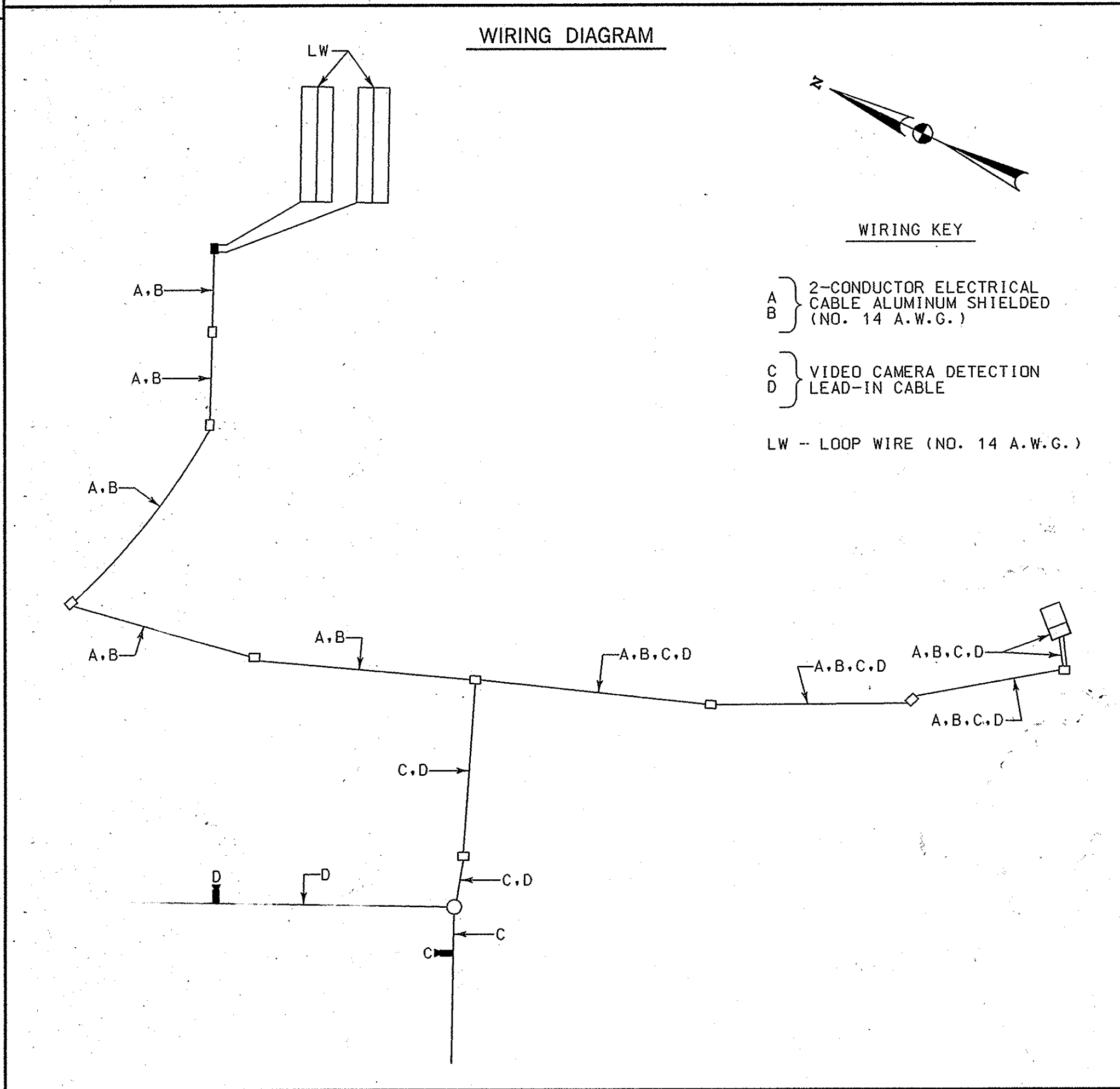
MR. MIKE PASQUARIELLO
ASST. DISTRICT UTILITY ENGINEER
PHONE: (410) 321-2841

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR



PHASE CHART

	1	2	3	4	5	6	7	
PHASE 1 AND 6	G	G	G	R	R	R	R	↑
1 AND 6 CHANGE	G	G	G	R	R	R	R	→
PHASE 2 AND 6	G	G	G	G	G	R	R	→
2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	→
PHASE 4	R	R	R	R	R	G	G	↓
4 CHANGE	R	R	R	R	R	Y	Y	↓
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/Y	FL/Y	↓

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
I-695 INNER LOOP AT
GREENSPRING AVENUE - RAMP 3

WR&A

Whitman, Requardt
and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

GENERAL INFORMATION SHEET

SCALE NONE DATE 12/22/2005 CONTRACT NO. BA5035130

DESIGNED BY S. BLOSS COUNTY BALTIMORE
DRAWN BY S. BLOSS LOGMILE 031S069S15.61
CHECKED BY N. LEARY T.I.M.S. NO. F085
F.A.P. NO. SEE TITLE SHEET TOD NO. TS-39568

DRAWING NO. **TSP-2 - 2** OF **2** SHEET NO. 19 OF 20